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TO: PUBS for Examiner Taylor V. Oh
TC Art Unit: 1625

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FROM: Charles L. Gagnebin III

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Application No. 10/815,095

Filed Date: March 30, 2004

Confirmation No.: 6578


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Attorney for Applicant: Charles L. Gagnebin III
Registration No. 25,467

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PATENT

Rev 06/04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Notice of Allowance dated: December 8, 2004

Confirmation No. 6578

In re application : Santosh Kumar Srivastava, et al.
Application No. : 10/815,095
Filed : March 30, 2004
Confirmation No. : 6578
For : PROCESS FOR ISOLATION OF HEPATOPROTECTIVE
AGENT "OLEANOLIC ACID" FROM LANATANA CAMARA
Examiner : Taylor V. Oh
Attorney's Docket : KSPAR-002XX

TC Art Unit: 1625

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By: 

Charles L. Gagnebin III
Registration No. 25,467
Attorney for Applicants

STATEMENT OF THE SUBSTANCE OF THE INTERVIEW

Via Facsimile
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The instant Statement of the Substance of the Interview is
filed in response to the Notice of Allowance dated December 8,
2004, in the above-referenced application.

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STATEMENT OF THE SUBSTANCE OF THE INTERVIEW

On November 23, 2004, a telephonic interview was held between Examiner Taylor V. Oh and Applicants' Attorney Charles L. Gagnebin III during which claims 1 and 3 were discussed, in the above-referenced application.

Specifically, the Applicants agreed to add the article "a" in front of the word "temperature" in claims 1 and 3 to place the application in a condition for allowance.

Accordingly, the claims read as follows:

1. A process for the isolation of oleanolic acid from the roots of *Lantana camara*, said process comprising the steps:

- a) obtaining the dried root of *Lantana camara*,
- b) grinding the dried root of step (a) to obtain root powder,
- c) defattening the root powder with organic solvent for a period in the range of 6-12 hours at a temperature in the range of 30-40°C three times with a solvent,
- d) extracting the defattened root powder for a period in the range of 6 to 12 hours, at a temperature in the range of 30-40°C three times with a solvent,

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- e) removing solvent from root powder and solvent mixture to obtain the crude extract, and
- f) precipitating the crude extract followed by repeated partial crystallization of precipitate with a solvent to obtain the oleanolic acid.
2. A process as claimed in claim 1, wherein in step (c) and (d) the solvent used is selected from a group comprising petroleum spirit, hexane, benzene, toluene and dichloromethane etc.
3. A process as claimed in claim 1, wherein in step (e) the solvent removal is carried out under vacuum at a temperature in the range of 35 to 45°C.
4. A process as claimed in claim 1, wherein in step (f) the precipitating and crystallizing solvents are selected from a group comprising dichloromethane, dichloroethane, chloroform, ethylacetate, diethyl ether, acetone, methanol, ethanol and H₂O.
5. A process as claimed in claim 1, wherein the yield of oleanolic acid is 1%.

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No prior art was discussed during the interview.

Respectfully submitted,

SANTOSH KUMAR SRIVASTAVA ET AL

By: 

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